

## ■ Multiplying Mixed Numbers

- Multiply the whole numbers
- Multiply by the fraction
- Add the pieces together

Ex:  $2 \times 3\frac{1}{2}$

$$\begin{array}{r} 2 \times 3 = 6 \\ + 2 \times \frac{1}{2} = 1 \\ \hline 7 \end{array}$$

$$16 \times 2\frac{5}{8}$$

$$\begin{array}{r} 16 \times 2 = 32 \\ + 16 \times \frac{5}{8} = 10 \\ \hline 42 \end{array}$$

or

$$2 \cancel{16} \times \frac{21}{8}$$

$$14 \times 3\frac{3}{7}$$

$$\begin{array}{r} 14 \times 3 = 42 \\ 14 \times \frac{3}{7} = 6 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 10 \times 3 = 30 \\ 4 \times 3 = 12 \end{array}$$

$$2 \cancel{14} \times \frac{24}{7}$$